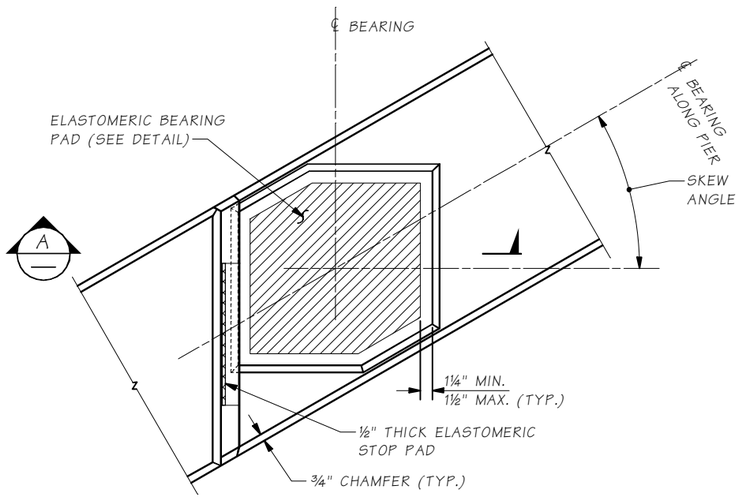
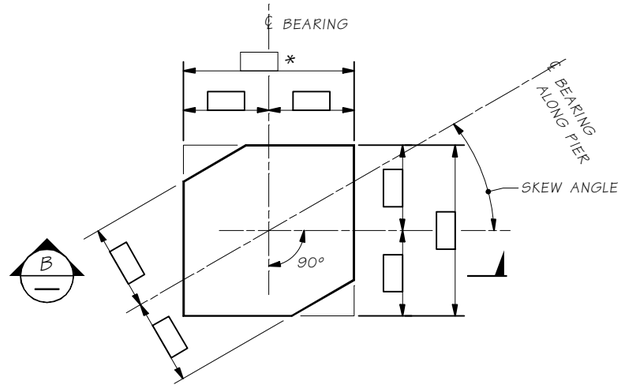


GROUT PAD DETAIL

GIRDER NOT SHOWN FOR CLARITY

Skew angle shown at 30°.

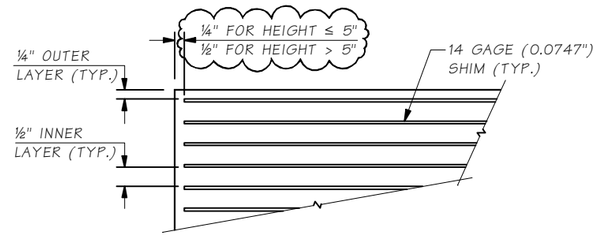


ELASTOMERIC BEARING PAD

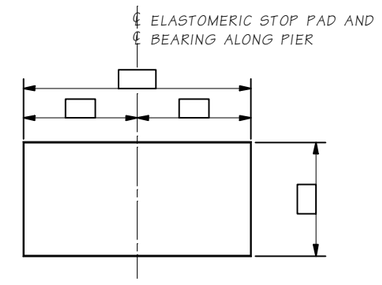
LAMINATED ELASTOMERIC BEARING PAD (☐ SHIMS)

Skew angle shown at 30°.

* The edge of the bearing pad shall be set at 1" from the edge of the girder.



SECTION B



ELASTOMERIC STOP PAD

SHEAR MODULUS = 165 PSI

SECTION A

GROUT PAD ELEVATION

BEARING DESIGN TABLE AASHTO METHOD B DESIGN	
SERVICE - I LIMIT STATE	
DEAD LOAD (DL) REACTION	KIPS
LIVE LOAD REACTION (W/O IMPACT)	KIPS
UNLOADED HEIGHT	IN
LOADED HEIGHT (DL)	IN
SHEAR MODULUS	165 PSI

NOTES:

1. GIRDER STOPS SHALL BE CONSTRUCTED AFTER GIRDER PLACEMENT.
2. THE ELASTOMERIC STOP PADS SHALL BE CEMENTED TO GIRDER STOPS WITH APPROVED ADHESIVE.

Bridge Design Engr.	M:\STANDARDS\Girders\Trapezoidal Tubs\TUB BEARING DETAILS.MAN				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor					10	WASH.			
Designed By					JOB NUMBER				
Checked By									
Detailed By									
Bridge Projects Engr.									
Prelim. Plan By									
Architect/Specialist	DATE	REVISION	BY	APP'D					

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

TRAPEZOIDAL TUB GIRDER BEARING DETAILS

BRIDGE SHEET NO.

SHEET OF SHEETS

Last revised on : 7/20/2011

SR FILE NO. SHEET

5.6-A9-9

Thu .Jan 26 10:59:15 2012